



ATIN NURYADIN, PH.D

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RESEARCH INTEREST

- Physics Learning Media
- Material Physics
- Enviromental Physics

PUBLICATION AND CONFERENCE EXPERIENCE

Recent Publications

- **Nuryadin, A.**, Imai, T., Kanno, A., Yamamoto, K., Sekine, M., & Higuchi, T. (2021). Phosphate adsorption and desorption on two-stage synthesized amorphous-ZrO₂/Mg-Fe layered double hydroxide composite. *Materials Chemistry and Physics*, 266, 124559.
- **Nuryadin, A.** & Imai, T. (2021). Application of amorphous zirconium (hydr) oxide/MgFe layered double hydroxides composite in fixed-bed column for phosphate removal from water. *Global Journal of Environmental Science and Management*, 7(4), 485-502.
- **Nuryadin, A.** & Imai, T. (2021). Phosphorus desorption and recovery from aqueous solution using amorphous zirconium hydroxide/MgFe layered double hydroxides composite. *IOP Conference Series: Earth and Environmental Science*, 926(1), 012107.

Intellectual Property Right

- Subagiyo and Nuryadin. (2018). Pengantar Fisika Kuantum (Books). Indonesian Patent No. EC00201825980. Jakarta: Director General of Intellectual Property Office.

Conferences

- The 17th Young Scientist Seminar (YSS), Japan, November 2020.
- The Water and Environment Technology Conference Online 2020 (WET2020-online), Japan, November 2020.
- The 16th Young Scientist Seminar (YSS), Japan, October 2019.
- The Water and Environment Technology Conference 2019 (WET2019), Japan, July 2019.
- The 15th Young Scientist Seminar (YSS), Japan, November 2018•

Award

- The WET Excellent Presentation Award in the Water and Environment Technology Conference Online 2020 (WET2020-online), 2020.
- Best Speaker Award in the 16th Young Scientist Seminar (YSS), 2019.

INDUSTRY AND COMMUNITY COLLABORATIONS

- Ube High School International Exchange Program, Japan, 2019
- English Camp in Ube Frontier University Fuzoku Kagawa High School, Japan, 2018.

CONTACT

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FORMAL EDUCATION

Bachelor of Physics Education:
Mulawarman University, Indonesia,
Graduated 2011

Master of Science:
**Sepuluh Nopember Institute of
Technology, Indonesia, Graduated
2015**

Ph. D of Environmental Engineering:
Yamaguchi University, Japan,
Graduated 2021